

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/004596

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/426 A61P27/00 A61P17/00 A61P11/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/02541 A (BIOTIE THERAPIES CORP ; JALKANEN MARKKU (FI); SMITH DAVID JOHN (FI); B) 10 January 2002 (2002-01-10) abstract page 7, line 21 - page 9, line 2	1-4, 11-14, 21-24
X	WO 02/02090 A (BIOTIE THERAPIES CORP ; JALKANEN MARKKU (FI); SMITH DAVID JOHN (FI); B) 10 January 2002 (2002-01-10) abstract page 8, line 9 - page 9, line 13	1-4, 11-14, 21-24
X	US 2002/173521 A1 (JALKANEN MARKKU ET AL) 21 November 2002 (2002-11-21) abstract paragraphs '0117!, '0118!	1-4, 11-14, 21-24

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

17 August 2004

Date of mailing of the international search report

25/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 97/24343 A (BOEHRINGER INGELHEIM CA LTD ; BOEHRINGER INGELHEIM PHARMA (US)) 10 July 1997 (1997-07-10)</p> <p>abstract page 49, lines 1-16 page 116; examples 18,19; table 3 pages 159-161 page 201 page 238</p>	<p>1-6,8, 11-16, 18, 21-26,28</p>
X	<p>WO 02/28835 A (DAISOW CO LTD ; HINOUE KAZUMASA (JP); INOUE YOSHIKAZU (JP); MIKAMI MAS) 11 April 2002 (2002-04-11)</p> <p>abstract page 145; examples 194,196,198,202,203,206-208,210,212,214 examples 217,222,224,264</p>	<p>11-15</p>
X	<p>WO 03/006003 A (BIOTIE THERAPIES CORP ; ALARANTA SAKARI (FI); VAINIO PETRI (FI); PIHLA) 23 January 2003 (2003-01-23)</p> <p>abstract page 10, line 19 - page 14, line 1</p>	<p>1-4, 11-14, 21-24</p>
X,P	<p>WO 03/072557 A (NOVARTIS PHARMA GMBH ; NOVARTIS AG (CH); BLAIR NICOLA ELAINE (GB); BLO) 4 September 2003 (2003-09-04)</p> <p>abstract page 23, paragraph 2 - page 25, paragraph 2 examples 4-13,24-27,35,38-40; table 1 examples 49,51,55-57,68-71,76 examples 80,84-86,156; table 2 example 174; table 3</p>	<p>1-5,8, 11-15, 18, 21-25,28</p>
X	<p>OHKUBO M ET AL: "STUDIES ON CEREBRAL PROTECTIVE AGENTS. VIII 1A) SYNTHESIS OF 2-AMINOTHIAZOLES AND 2-THIAZOLECARBOXAMIDES WITH ANTI-ANOXIC ACTIVITY" CHEMICAL AND PHARMACEUTICAL BULLETIN, PHARMACEUTICAL SOCIETY OF JAPAN. TOKYO, JP, vol. 43, no. 9, 1995, pages 1497-1504, XP000887179 ISSN: 0009-2363 abstract; compound 2F</p>	<p>15,16</p>
A	<p>WO 82/02386 A (MITSUI TOATSU CHEMICALS ; AWAYA AKIRA (JP); SAKANO ISAO (JP); KAJIYA S) 22 July 1982 (1982-07-22) the whole document</p>	<p>1-30</p>

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 114 365 A (SALOM BARBARA ET AL) 5 September 2000 (2000-09-05) the whole document	1-30
A	EP 1 256 578 A (PFIZER PROD INC) 13 November 2002 (2002-11-13) the whole document	1-30

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 1-10 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/004596

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0202541	A	10-01-2002	AU 8216201 A	14-01-2002
			AU 8216301 A	14-01-2002
			CA 2414799 A1	10-01-2002
			CA 2414807 A1	10-01-2002
			CN 1450997 T	22-10-2003
			CN 1450998 T	22-10-2003
			EP 1301495 A2	16-04-2003
			EP 1313718 A2	28-05-2003
			WO 0202541 A2	10-01-2002
			WO 0202090 A2	10-01-2002
			HU 0301336 A2	28-08-2003
			HU 0301625 A2	28-11-2003
			JP 2004501962 T	22-01-2004
			JP 2004502682 T	29-01-2004
			NO 20026282 A	03-03-2003
			NO 20026283 A	28-02-2003
			NZ 523463 A	25-06-2004
			NZ 523464 A	31-10-2003
			US 2004106654 A1	03-06-2004
			US 2002173521 A1	21-11-2002
			ZA 200300063 A	22-07-2003
			ZA 200300064 A	22-07-2003
WO 0202090	A	10-01-2002	AU 8216201 A	14-01-2002
			AU 8216301 A	14-01-2002
			CA 2414799 A1	10-01-2002
			CA 2414807 A1	10-01-2002
			CN 1450997 T	22-10-2003
			CN 1450998 T	22-10-2003
			EP 1301495 A2	16-04-2003
			EP 1313718 A2	28-05-2003
			WO 0202541 A2	10-01-2002
			WO 0202090 A2	10-01-2002
			HU 0301336 A2	28-08-2003
			HU 0301625 A2	28-11-2003
			JP 2004501962 T	22-01-2004
			JP 2004502682 T	29-01-2004
			NO 20026282 A	03-03-2003
			NO 20026283 A	28-02-2003
			NZ 523463 A	25-06-2004
			NZ 523464 A	31-10-2003
			US 2004106654 A1	03-06-2004
			US 2002173521 A1	21-11-2002
			ZA 200300063 A	22-07-2003
			ZA 200300064 A	22-07-2003
US 2002173521	A1	21-11-2002	US 2004106654 A1	03-06-2004
			AU 8216201 A	14-01-2002
			AU 8216301 A	14-01-2002
			CA 2414799 A1	10-01-2002
			CA 2414807 A1	10-01-2002
			CN 1450997 T	22-10-2003
			CN 1450998 T	22-10-2003
			EP 1301495 A2	16-04-2003
			EP 1313718 A2	28-05-2003
			WO 0202541 A2	10-01-2002
			WO 0202090 A2	10-01-2002
			HU 0301336 A2	28-08-2003

INTERNATIONAL SEARCH REPORT

information on patent family members

International Application No

PCT/JP2004/004596

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002173521 A1		HU 0301625 A2	28-11-2003
		JP 2004501962 T	22-01-2004
		JP 2004502682 T	29-01-2004
		NO 20026282 A	03-03-2003
		NO 20026283 A	28-02-2003
		NZ 523463 A	25-06-2004
		NZ 523464 A	31-10-2003
		ZA 200300063 A	22-07-2003
		ZA 200300064 A	22-07-2003
WO 9724343 A	10-07-1997	AT 227279 T	15-11-2002
		AU 1682897 A	28-07-1997
		BG 102583 A	30-06-1999
		BR 9612435 A	13-07-1999
		CA 2192433 A1	30-06-1997
		CZ 9802072 A3	11-11-1998
		DE 69624728 D1	12-12-2002
		DE 69624728 T2	10-07-2003
		DK 871619 T3	03-03-2003
		EE 9800154 A	15-12-1998
		EP 0871619 A1	21-10-1998
		ES 2186811 T3	16-05-2003
		HU 9902341 A2	28-10-1999
		JP 2000502702 T	07-03-2000
		NO 982950 A	25-06-1998
		NZ 331104 A	27-03-2000
		PL 327582 A1	21-12-1998
		PT 871619 T	31-03-2003
		SI 871619 T1	30-04-2003
		SK 89398 A3	04-11-1998
		TR 9801244 T2	21-12-1998
		WO 9724343 A1	10-07-1997
		US 6348477 B1	19-02-2002
		US 6458959 B1	01-10-2002
		US 6057451 A	02-05-2000
		ZA 9610850 A	30-06-1997
		US 6288091 B1	11-09-2001
WO 0228835 A	11-04-2002	AU 9231501 A	15-04-2002
		BR 0114657 A	30-09-2003
		CA 2425097 A1	11-04-2002
		CN 1478077 T	25-02-2004
		CZ 20031230 A3	15-10-2003
		EP 1326835 A1	16-07-2003
		HU 0301249 A2	28-01-2004
		WO 0228835 A1	11-04-2002
		JP 2004510763 T	08-04-2004
		NO 20031540 A	05-06-2003
		NZ 525591 A	30-04-2004
		US 2004058903 A1	25-03-2004
WO 03006003 A	23-01-2003	US 2003125360 A1	03-07-2003
		CA 2451569 A1	23-01-2003
		EP 1414426 A1	06-05-2004
		WO 03006003 A1	23-01-2003
WO 03072557 A	04-09-2003	WO 03072557 A1	04-09-2003

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2004/004596

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 8202386	A	22-07-1982	JP 1626342 C	28-11-1991
			JP 2054347 B	21-11-1990
			JP 57118574 A	23-07-1982
			JP 1626343 C	28-11-1991
			JP 2055428 B	27-11-1990
			JP 57118575 A	23-07-1982
			IT 1142649 B	08-10-1986
			WO 8202386 A1	22-07-1982
US 6114365	A	05-09-2000	AU 7440000 A	19-03-2001
			BG 106481 A	30-09-2002
			BR 0013281 A	18-06-2002
			CA 2381097 A1	01-03-2001
			CN 1425009 T	18-06-2003
			CZ 20020486 A3	13-11-2002
			EE 200200064 A	15-04-2003
			EP 1204649 A1	15-05-2002
			HR 20020127 A1	30-04-2003
			HU 0202492 A2	28-11-2002
			WO 0114353 A1	01-03-2001
			JP 2003507461 T	25-02-2003
			MA 25433 A1	01-04-2002
			NO 20020683 A	10-04-2002
			PL 353588 A1	01-12-2003
			SK 1802002 A3	02-05-2003
			ZA 200201117 A	10-02-2003
EP 1256578	A	13-11-2002	BR 0201691 A	11-03-2003
			CA 2385692 A1	11-11-2002
			EP 1256578 A1	13-11-2002
			JP 2002338556 A	27-11-2002
			US 2003078252 A1	24-04-2003